

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: STUO-01530-ST	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: UNIT #891008900A	
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE L.P.				9. WELL NAME and NUMBER: NBU 922-31A-4T	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 852'FNL, 301'FEL AT PROPOSED PRODUCING ZONE: _____				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 23.35 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 301'		16. NUMBER OF ACRES IN LEASE: 40.00		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40.00	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C		19. PROPOSED DEPTH: 9,260		20. BOND DESCRIPTION: RLB0005237	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4977'UNGRADED GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION:	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8	H-40	32.3#	2,140	265 SX CLASS G	1.18 YIELD	15.6 PPG
7 7/8"	4 1/2	I-80	11.6#	9,260	1900 SX 50/50 POZ	1.31 YIELD	14.3 PPG

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE	DATE <u>8/25/2006</u>

(This space for State use only)

**Approved by the
Utah Division of
Oil, Gas and Mining**
APPROVAL:

API NUMBER ASSIGNED: 43047-38561

RECEIVED

AUG 31 2006

(11/2001)

Date: 11-02-06
(See Instructions on Reverse Side)

By:

DIV. OF OIL, GAS & MINING

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T9S, R22E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

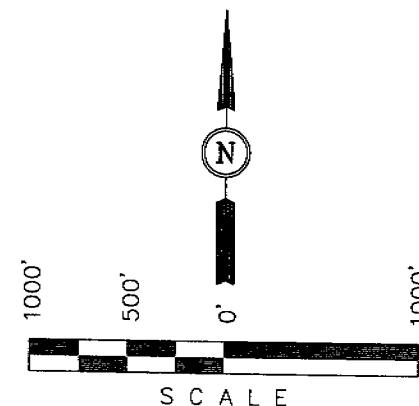
Well location, NBU #922-31A-4T, located as shown in the NE 1/4 NE 1/4 of Section 31, T9S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

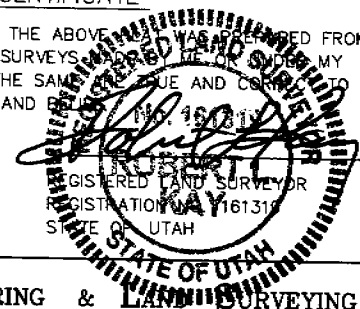
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



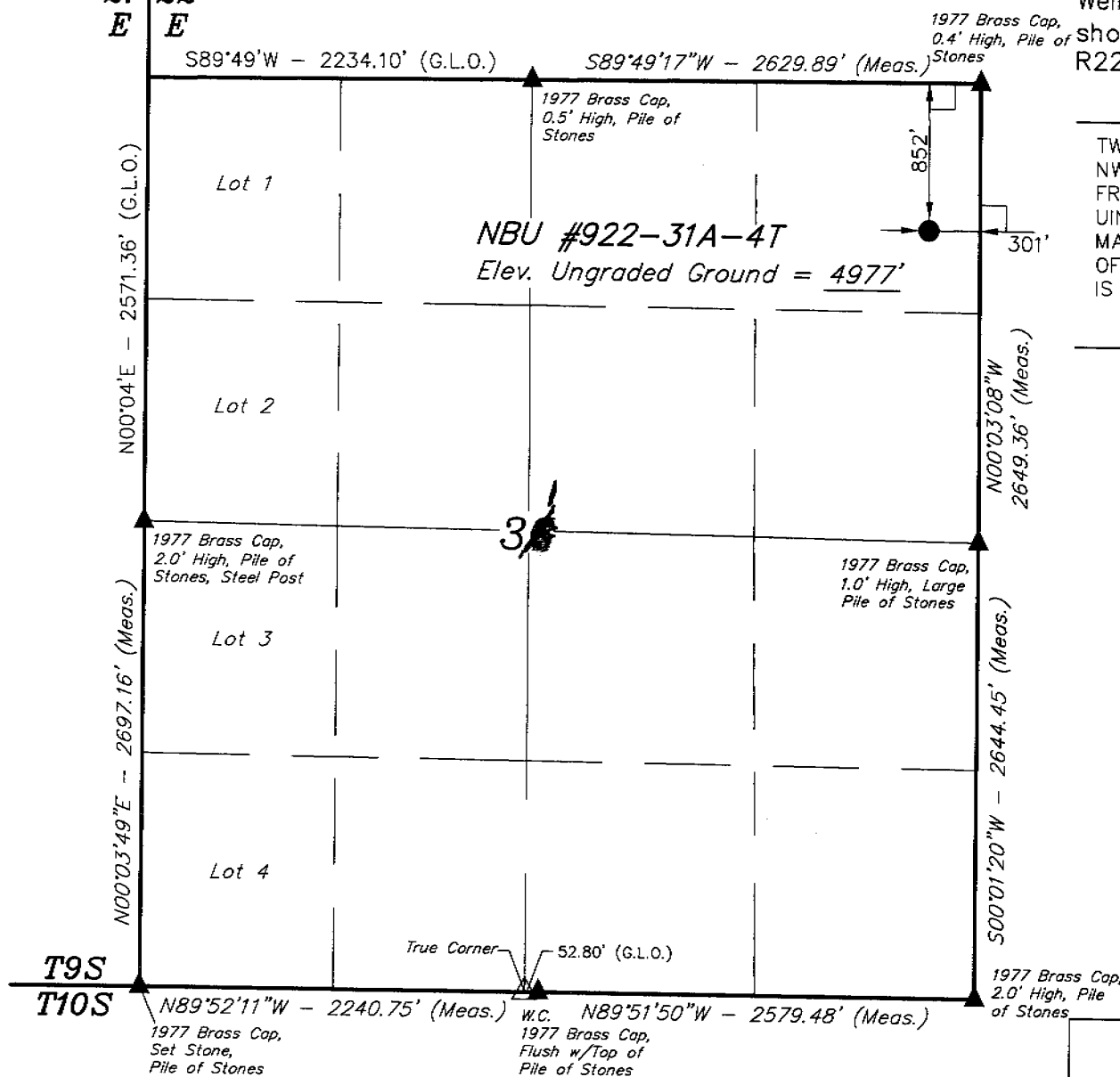
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-26-06	DATE DRAWN: 05-01-06
PARTY J.W. J.K. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°59'50.78" (39.997439)
LONGITUDE = 109°28'27.70" (109.474361)
(NAD 27)
LATITUDE = 39°59'50.91" (39.997475)
LONGITUDE = 109°28'25.23" (109.473675)

**NBU 922-31A-4T
NENE SEC 31-T9S-R22E
UINTAH COUNTY, UTAH
UTSTUO-01530-ST**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1388'
Top of Birds Nest Water	1632'
Mahogany	2284'
Wasatch	4551'
Mesaverde	7123'
MVU2	8014'
MVL1	8530'
TD	9260'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Water	Green River	1388'
	Top of Birds Nest Water	1632'
	Mahogany	2284'
Gas	Wasatch	4551'
Gas	Mesaverde	7123'
Gas	MVU2	8014'
Gas	MVL1	8530'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9260' TD, approximately equals 5741 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3704 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.

**NBU 922-31A-4T
NENE SEC 31-T9S-R22E
Uintah County, UT
UTSTUO-01530-ST**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 300' +/- of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	August 25, 2006	
WELL NAME	NBU 922-31A-4T	TD	9,260'	MD/TVD
FIELD	Natural Buttes	COUNTY	Uintah	STATE Utah
SURFACE LOCATION	SENENE SECTION 31, T9S, R22E 852'FNL, 301'FEL			BHL Straight Hole
	Latitude: 39.997439	Longitude: 109.474361		
OBJECTIVE ZONE(S)	Wasatch/Mesaverde			
ADDITIONAL INFO	Regulatory Agencies: UDOGM, (SURF & MINERALS), BLM, Tri-County Health Dept.			

GEOLOGICAL FORMATION		DEPTH	HOLE SIZE	MECHANICAL CASING SIZE	MUD WEIGHT
LOGS	TOPS	40'		14"	
Catch water sample, if possible, from 0 to 4,551'			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
	Green River @	1,388'			
	Top of Birds Nest Water @	1632'			
	Preset f/ GL @				
	2,140' MD				
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
	Mahogany (2,284'			
Mud logging program TBD Open hole logging program f/ TD - surf cs			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.7 ppg
	Wasatch @	4,551'			
	Mverde @	7,123'			
	MVU2 @	8,014'			
	MVL1 @	8,530'			
	TD @	9,260'			Max anticipated Mud required 11.7 ppg

KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2140	32.30	H-40	STC	0.63*****	1.37	4.20
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9260	11.60	I-80	LTC	2.16	1.13	2.14

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumptions: TD = 11.7 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 3597 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,050'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	440	60%	11.00	3.38
	TAIL	5,210'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1460	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE: _____

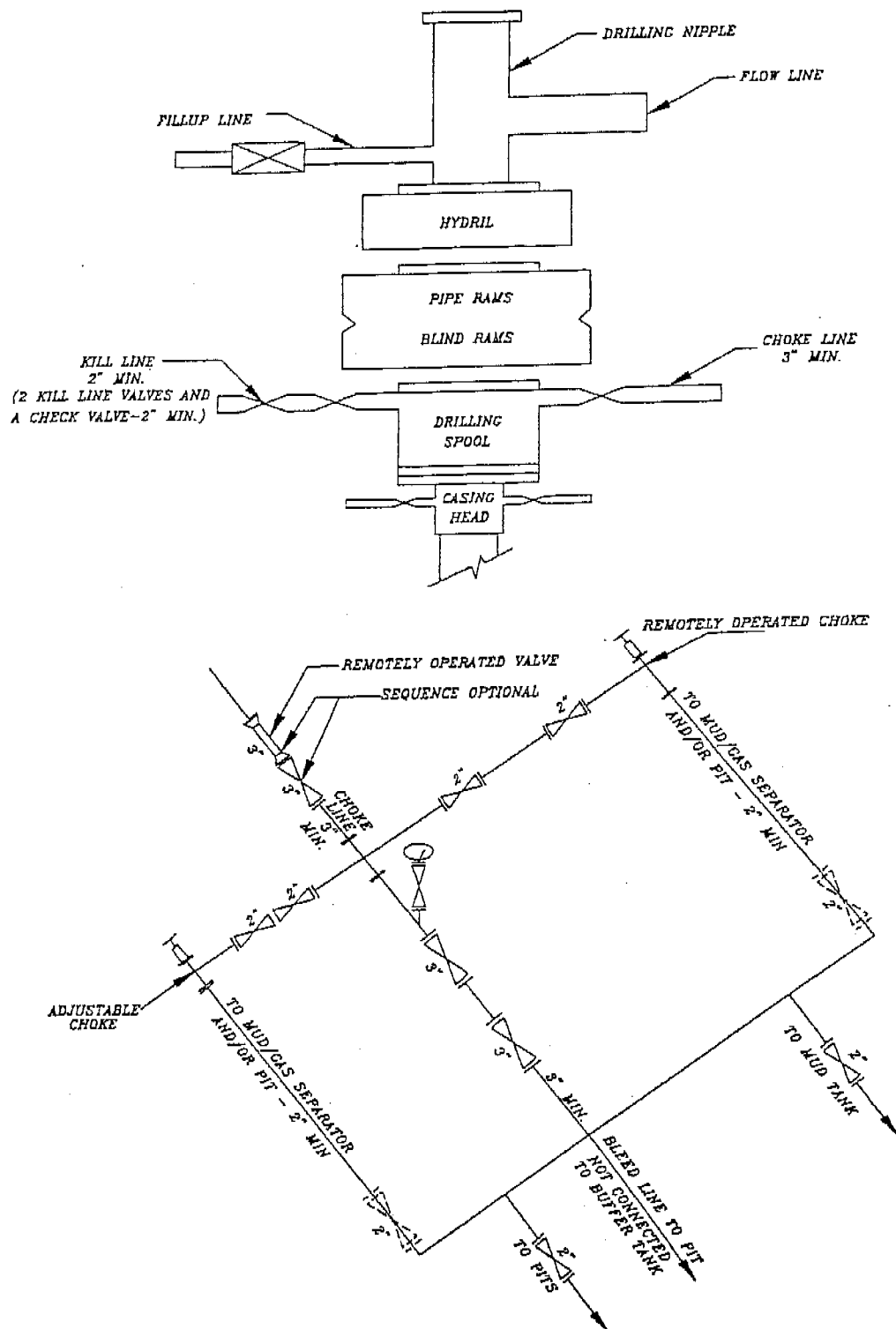
DRILLING SUPERINTENDENT:

Randy Bayne

DATE: _____

NBU922-31A-4T.xls

5M BOP STACK and CHOKE MANIFOLD SYSTEM



fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed by MOAC on 05/16/2006, Archaeological Report No. 06-199.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East.
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

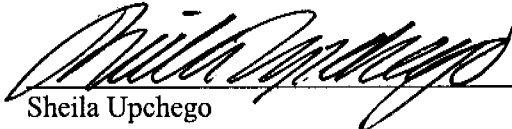
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

8/25/2006
Date

Kerr-McGee Oil & Gas Onshore LP
NBU #922-31A-4T
SECTION 31, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN EASTERLY DIRECTION APPROXIMATELY 300' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.35 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #922-31A-4T

LOCATED IN UINTAH COUNTY, UTAH
SECTION 31, T9S, R22E, S.L.B.&M.

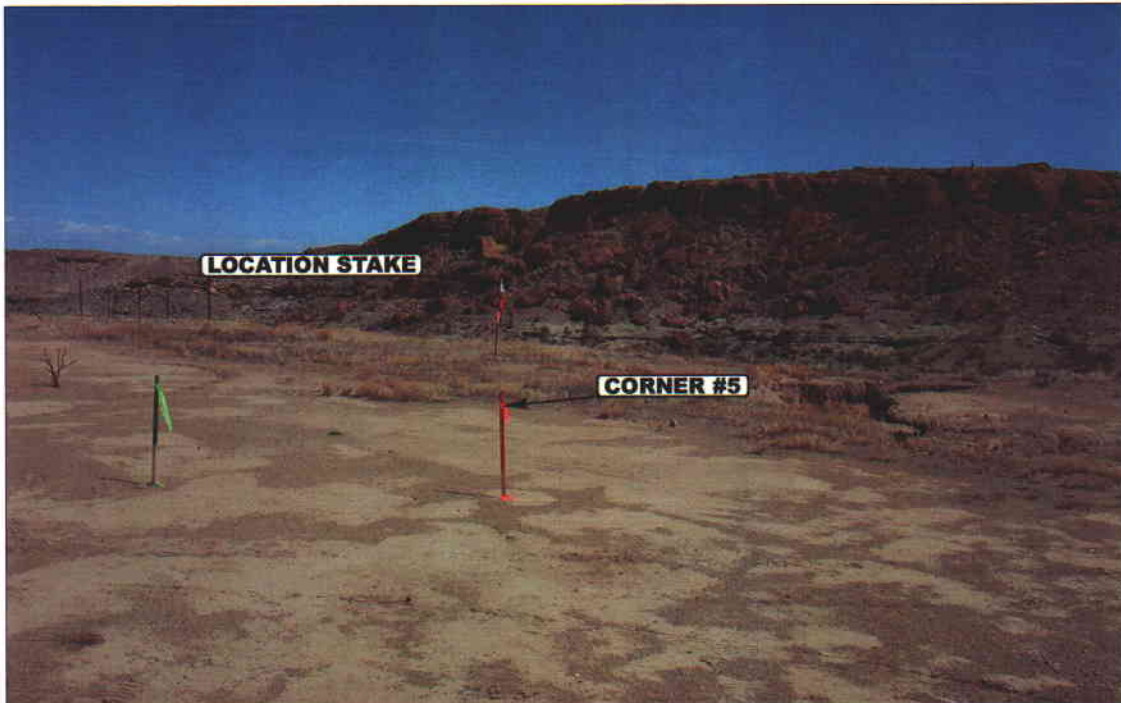


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

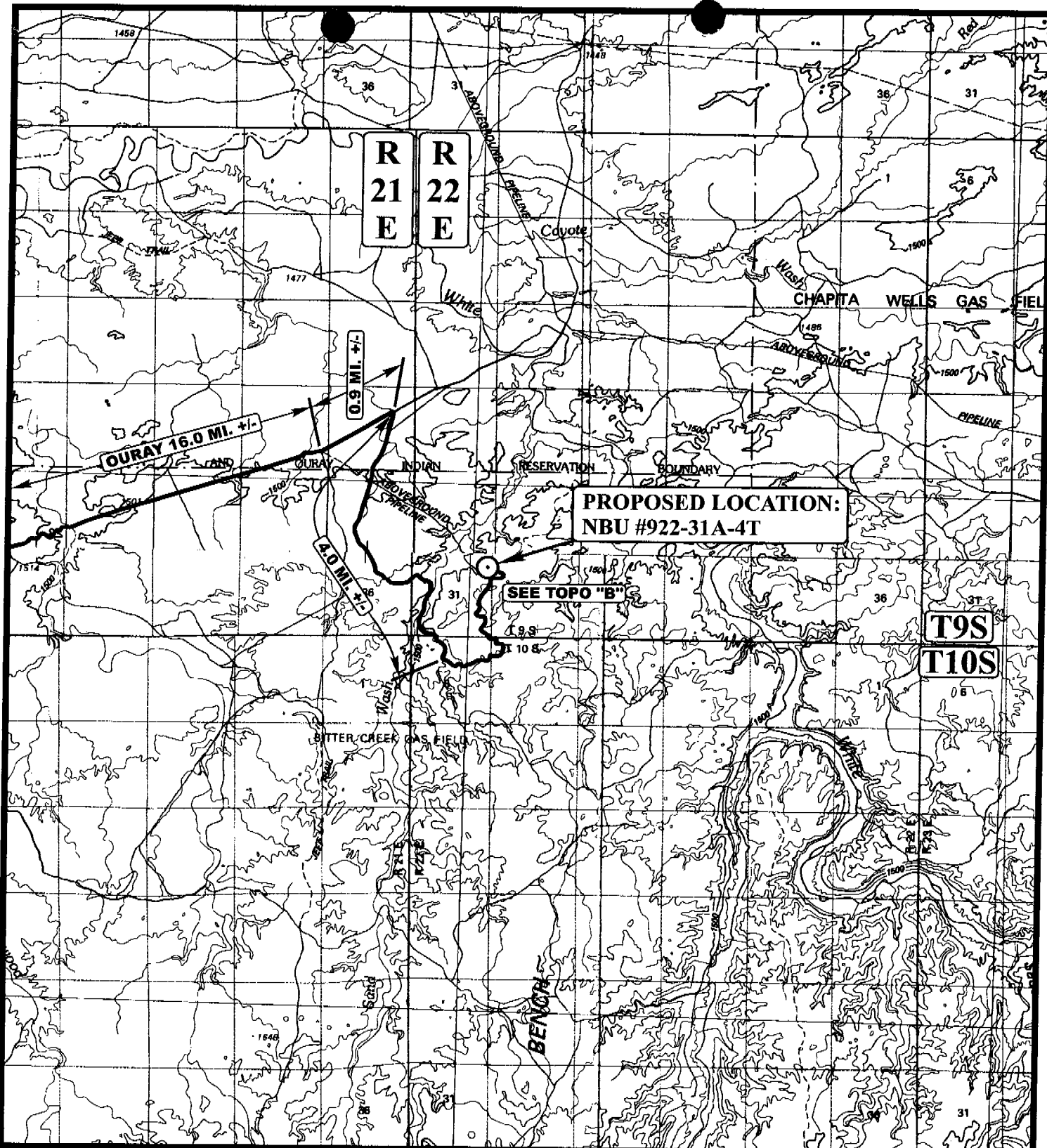
04 27 06
MONTH DAY YEAR

PHOTO

TAKEN BY: J.W.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

N

Kerr-McGee Oil & Gas Onshore LP

NBU #922-31A-4T

SECTION 31, T9S, R22E, S.L.B.&M.

852' FNL 301' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

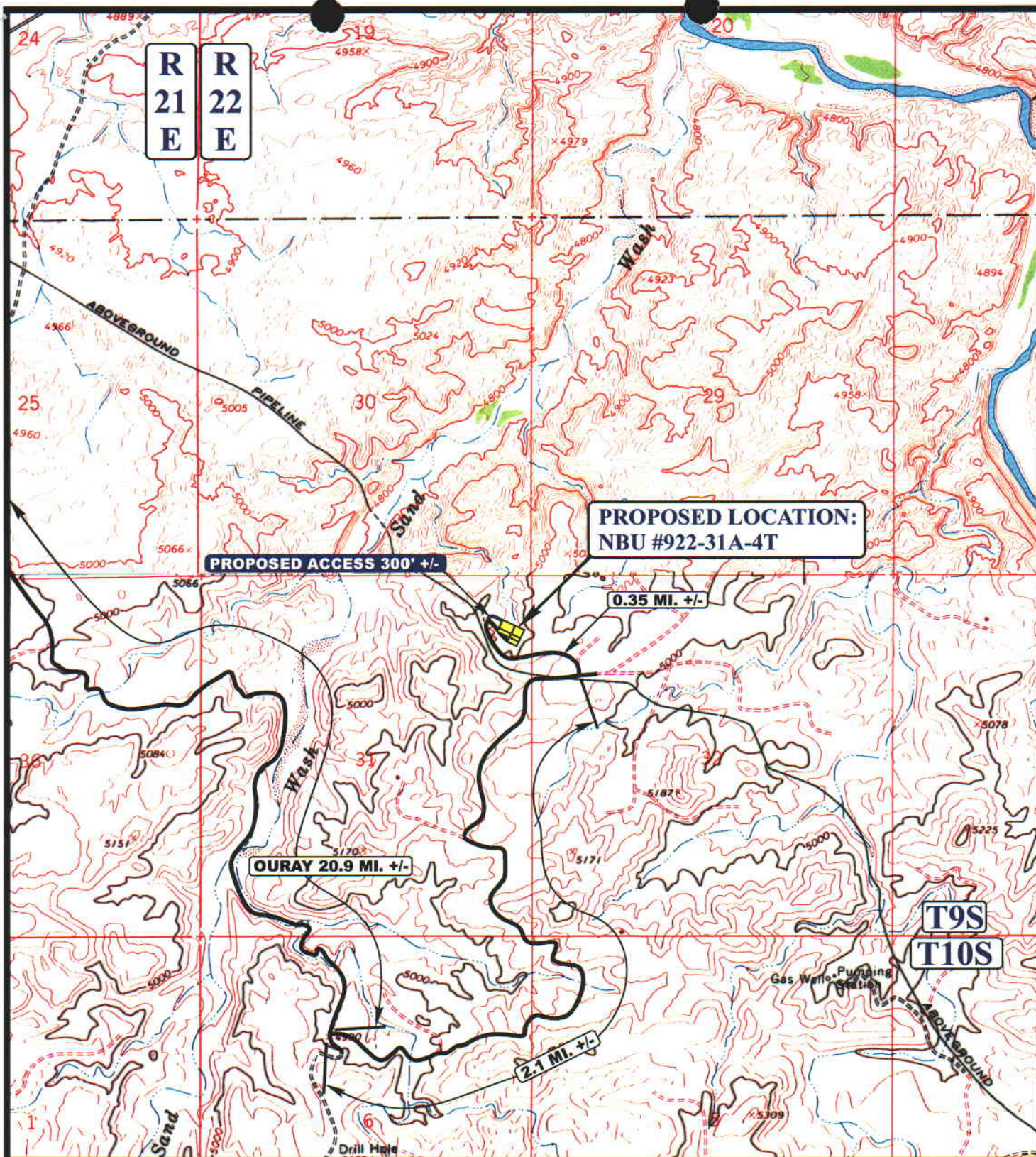


TOPOGRAPHIC
MAP

04 27 06
MONTH DAY YEAR

SCALE: 1:100,000 **DRAWN BY: C.P.** **REVISED: 00-00-00**





LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD

Kerr-McGee Oil & Gas Onshore LP

NBU #922-31A-4T
SECTION 31, T9S, R22E, S.L.B.&M.
852' FNL 301' FEL



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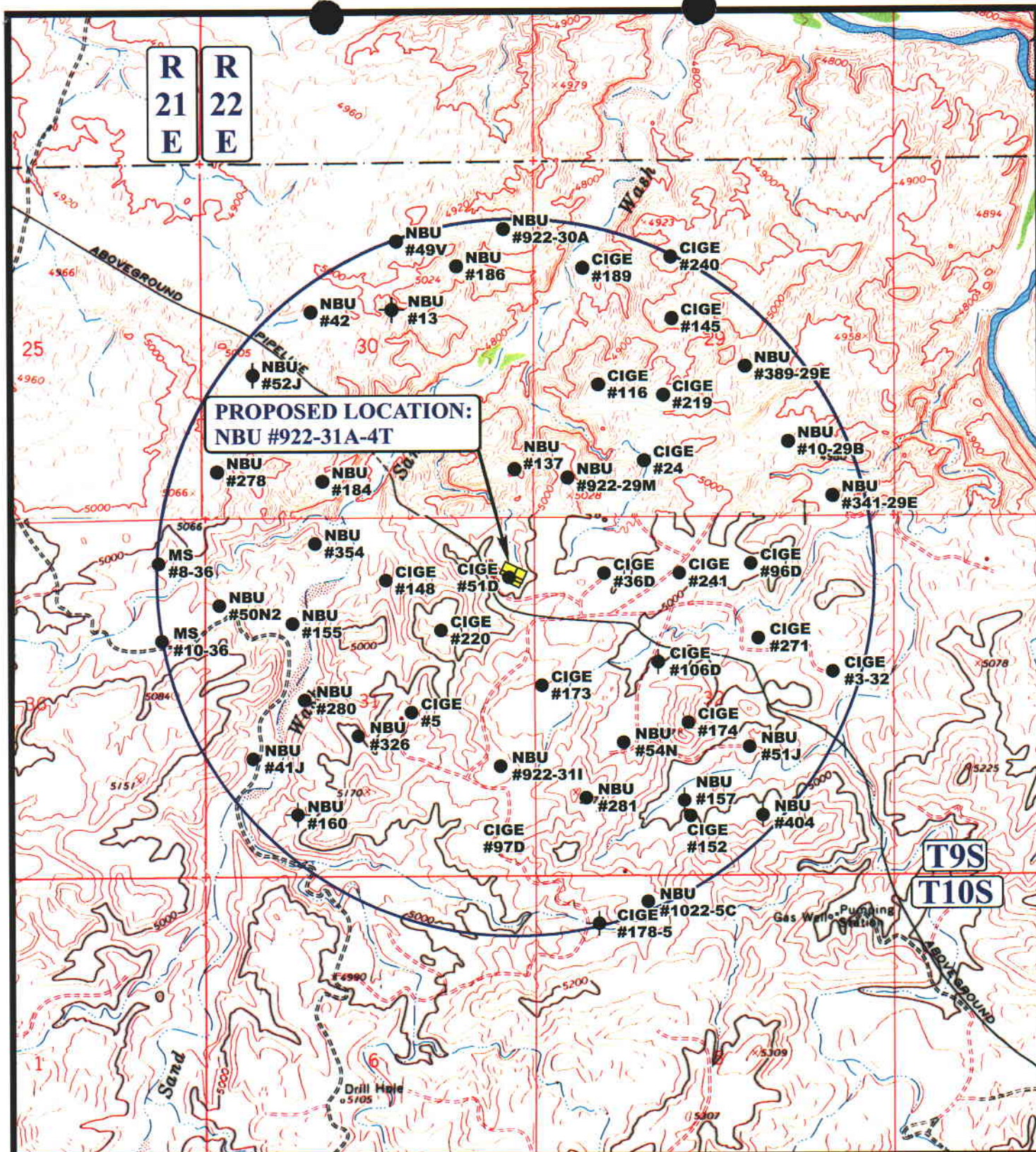


TOPOGRAPHIC
MAP

04 27 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B
TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

Kerr-McGee Oil & Gas Onshore LP

NBU #922-31A-4T
 SECTION 31, T9S, R22E, S.L.B.&M.
 852' FNL 301' FEL

TOPOGRAPHIC
MAP

04 27 06
 MONTH DAY YEAR

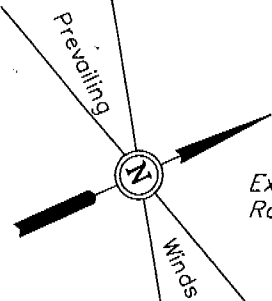
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00



Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #922-31A-4T
SECTION 31, T9S, R22E, S.L.B.&M.
852' FNL 301' FEL



SCALE: 1" = 50'
DATE: 05-01-06

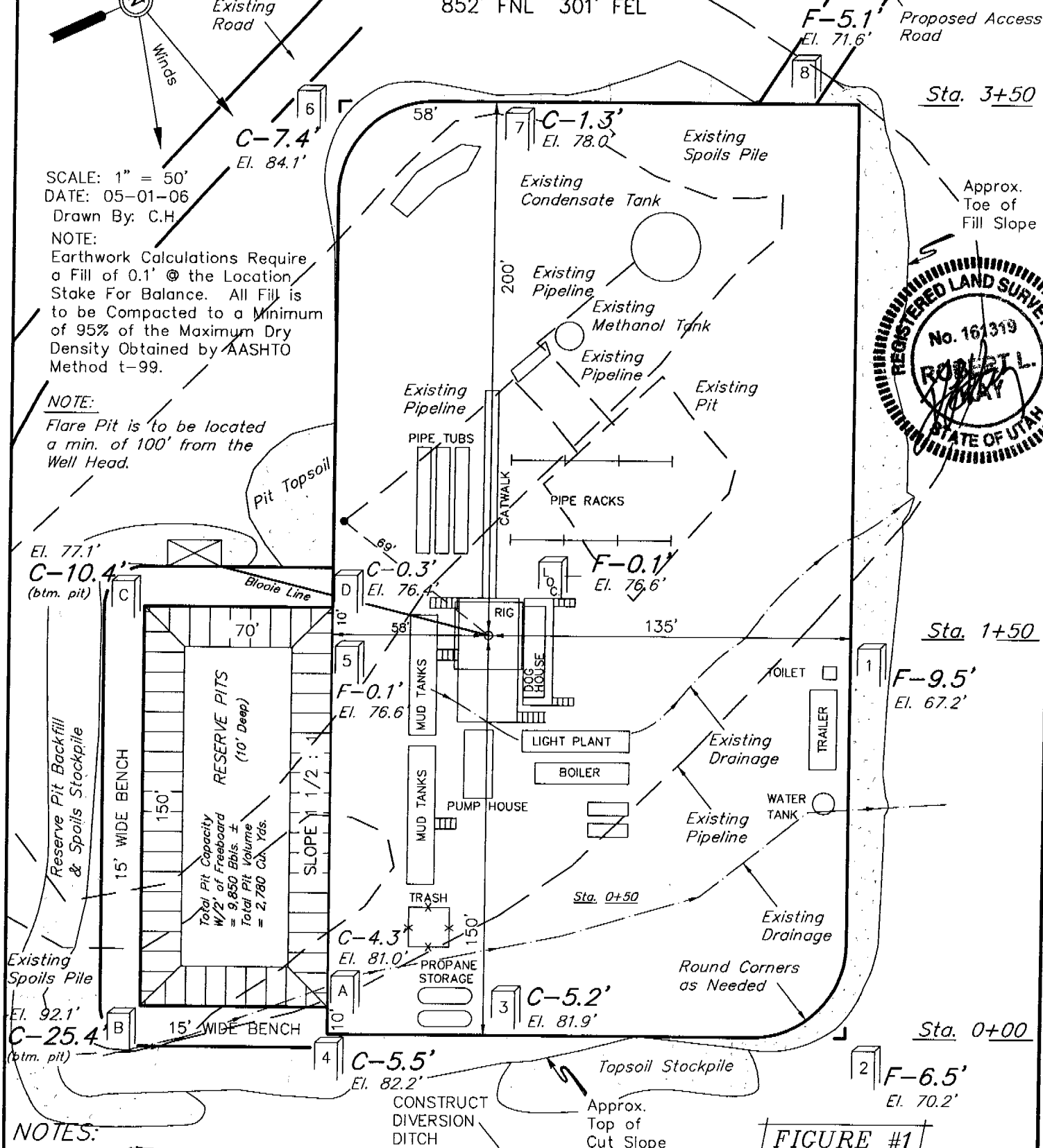
Drawn By: C.H.

NOTE:

Earthwork Calculations Require a Fill of 0.1' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4976.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 4976.7'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

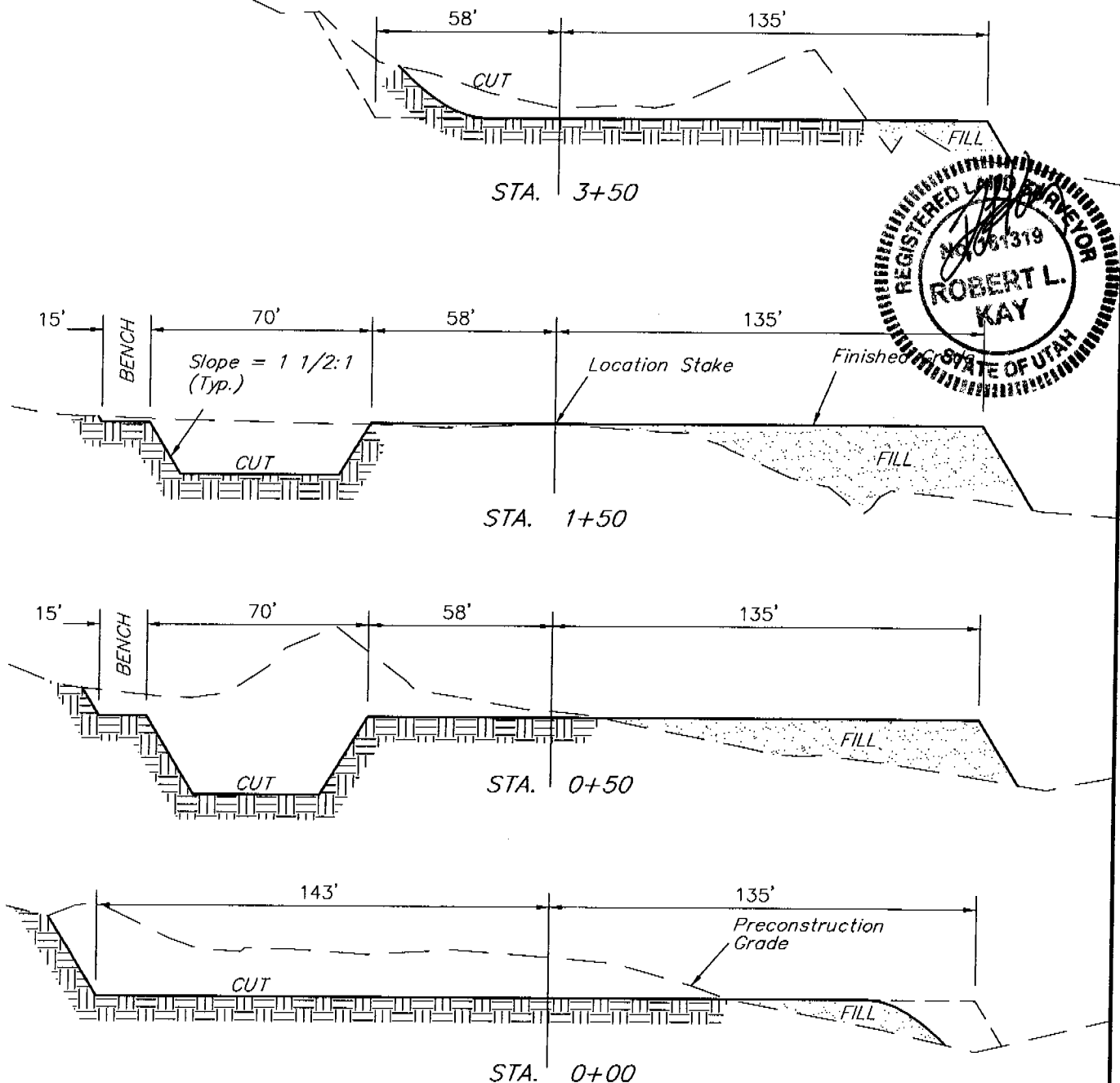
NBU #922-31A-4T

SECTION 31, T9S, R22E, S.L.B.&M.

852' FNL 301' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 05-01-06
Drawn By: C.H.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,030 Cu. Yds.
Remaining Location	= 5,510 Cu. Yds.
TOTAL CUT	= 6,540 CU.YDS.
FILL	= 8,390 CU.YDS.

EXCESS MATERIAL	= -1,850 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,420 Cu. Yds.
DEFICIT UNBALANCE	= -4,270 Cu. Yds.
(To Be Obtained From Suitable Source)	

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/31/2006

API NO. ASSIGNED: 43-047-38561

WELL NAME: NBU 922-31A-4T

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

NENE 31 090S 220E

SURFACE: 0852 FNL 0301 FEL

BOTTOM: 0852 FNL 0301 FEL

COUNTY: Uintah

LATITUDE: 39.99750 LONGITUDE: -109.4736

UTM SURF EASTINGS: 630306 NORTHINGS: 4428386

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	11/2/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: STUO-01530-ST

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

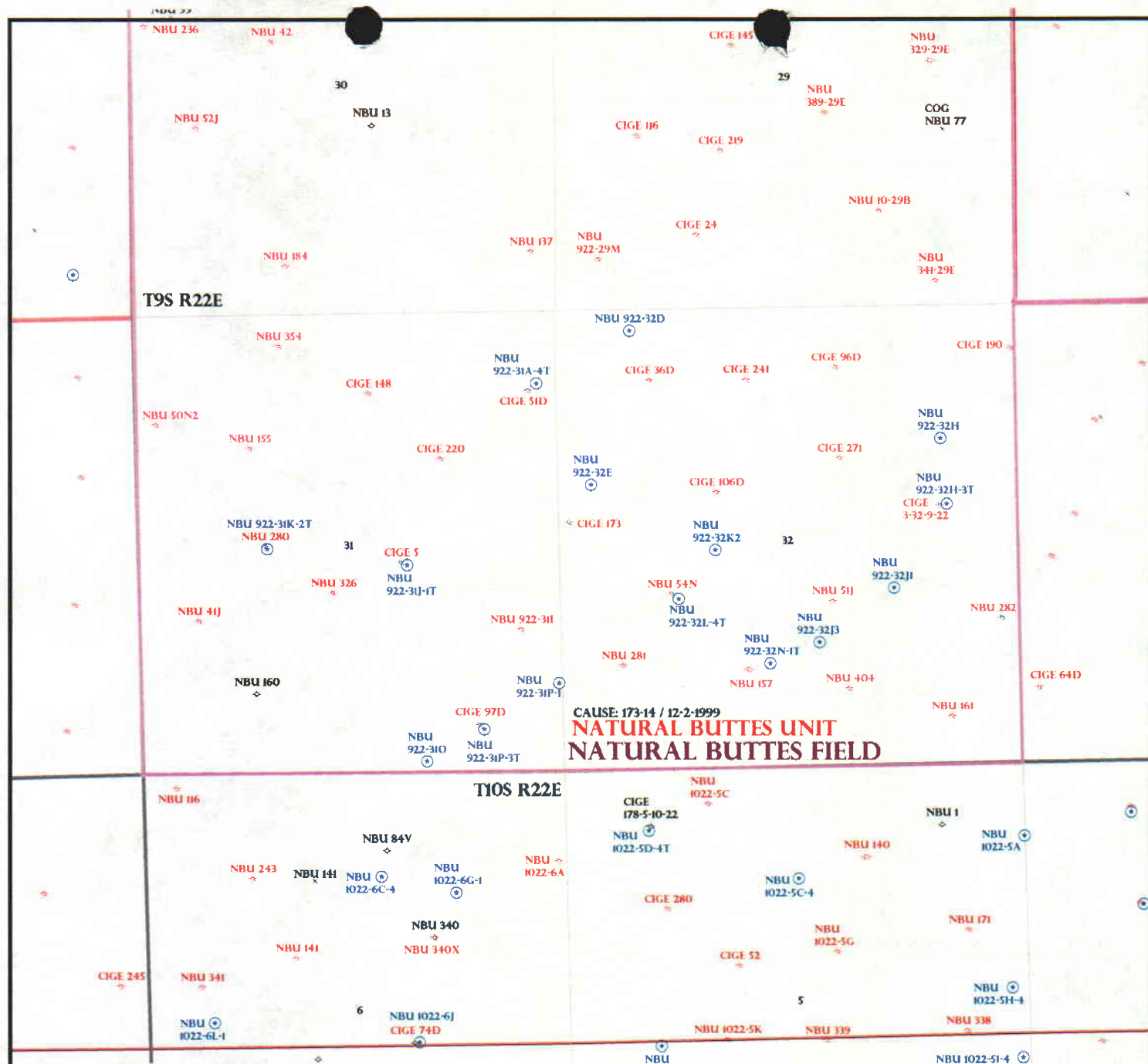
☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0005236)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: NATURAL BUTTES
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 17314
Eff Date: 12-2-99
Siting: 460' from edge of land on road
___ R649-3-11. Directional Drill

COMMENTS: Needs Permit (10-03-06)

STIPULATIONS: 1- STATEMENT OF BASIS
2- OIL SHALE
3- Surface Csg Cont Stop



OPERATOR: KERR MCGEE O&G (N2995)

SEC: 31,32 T.9S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

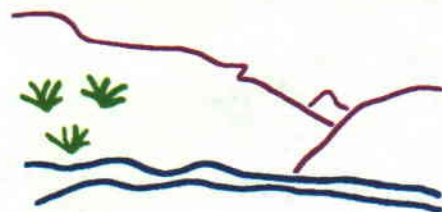
CAUSE: 173-14 / 12-2-1999

Field Status
 [] ABANDONED
 [] ACTIVE
 [] COMBINED
 [] INACTIVE
 [] PROPOSED
 [] STORAGE
 [] TERMINATED

Unit Status
 [] EXPLORATORY
 [] GAS STORAGE
 [] NF PP OIL
 [] NF SECONDARY
 [] PENDING
 [] PI OIL
 [] PP GAS
 [] PP GEOTHERML
 [] PP OIL
 [] SECONDARY
 [] TERMINATED

Wells Status

[] GAS INJECTION
 [] GAS STORAGE
 [] LOCATION ABANDONED
 [] NEW LOCATION
 [] PLUGGED & ABANDONED
 [] PRODUCING GAS
 [] PRODUCING OIL
 [] SHUT-IN GAS
 [] SHUT-IN OIL
 [] TEMP. ABANDONED
 [] TEST WELL
 [] WATER INJECTION
 [] WATER SUPPLY
 [] WATER DISPOSAL
 [] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 15-SEPTEMBER-2006

Application for Permit to Drill

Statement of Basis

10/11/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
85	43-047-38561-00-00		GW	S	No
Operator	KERR-MCGEE OIL & GAS ONSHORE, LP		Surface Owner-APD		
Well Name	NBU 922-31A-4T		Unit	NATURAL BUTTES	
Field	NATURAL BUTTES		Type of Work		
Location	NENE 31 9S 22E S 0 F L 0 F L GPS Coord (UTM) 630306E 4428386N				

Geologic Statement of Basis

Kerr McGee proposes to set 2,140' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 31. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

10/11/2006
Date / Time

Surface Statement of Basis

The proposed well is on an existing pad. Both the surface and minerals are SITLA.

The general area is the Sand Wash drainage of Uintah, County. Sand Wash is approximately 36 air miles south of Vernal, Utah and approximately 24 miles southeast of Ouray, Utah. Access is by State of Utah Highway, Uintah County and oilfield development roads.

Topography is characterized by broad open flats dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. White River is to the northeast about 1 1/2 miles. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The existing pad will be extended to the east. A diversion needs to be constructed on the east of the location to divert sidehill erosion around the location.

Ben Williams of the UDWR was invited to and attended the presite. He stated the general area is classified as critical yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. Also, no other wildlife is expected to be affected. He provided Jim Davis of SITLA and Carrol Estes of Kerr-Mcgee a copy of his wildlife evaluation and a seed mix recommended by DWR to be used in reseeding the location.

Floyd Bartlett
Onsite Evaluator

10/3/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, LP
Well Name NBU 922-31A-4T
API Number 43-047-38561-0 **APD No** 85 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NENE **Sec** 31 **Tw** 9S **Rng** 22E 0 FL 0 FL
GPS Coord (UTM) **Surface Owner**

Participants

Floyd Bartlett (DOGM), Carol Estes, B J Braithwaite, Tony Kazeck and Clay Einerson (Kerr McGee), David Kay (Uintah Engineering & Land Survey), Jim Davis (SITLA), Ben Williams (UDWR)

Regional/Local Setting & Topography

The proposed well is on a existing pad which will be extended. Both the surface and minerals are SITLA.

The general area is the Sand Wash drainage of Uintah, County. Sand Wash is approximately 36 air miles south of Vernal, Utah and approximately 24 miles southeast of Ouray, Utah. Access is by State of Utah Highway, Uintah County and oilfield development roads.

Topography is characterized by broad open flats dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. White River is to the northeast about 1 1/2 miles. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The existing pad will be extended to the east. A diversion needs to be constructed on the east of the location to divert sidehill erosion around the location.

Surface Use Plan

Current Surface Use

Existing Well Pad
Wildlfe Habitat
Recreational

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0	Width 265	Length 360	Onsite
			UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Shadscale, halogeton, cheatgrass, annual mustard, greasewood, broom snakeweed.

Antelope, small mammals and birds.

Soil Type and Characteristics

Shallow rocky loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

On east side of location

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y

Paleo Potential Observed? N

Cultural Survey Run? Y

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	<300	20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 35 1 Sensitivity Level

Characteristics / Requirements

150' x 70' x 10' deep located on the north east side of the location in an area of cut. The operator has a standard practice of lining all pits with a 20 mil. liner and 2 layers of felt underlayment.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 20

Pit Underlayment Required? Y

Other Observations / Comments

Ben Williams of the UDWR was invited to and attended the presite. He stated the general area is classified as critical yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. Also, no other wildlife is expected to be affected. He provided Jim Davis of SITLA and Carrol Estes of Kerr-Mcgee a copy of his wildlife evaluation and a seed mix recommended by DWR to be used in reseeding the location.

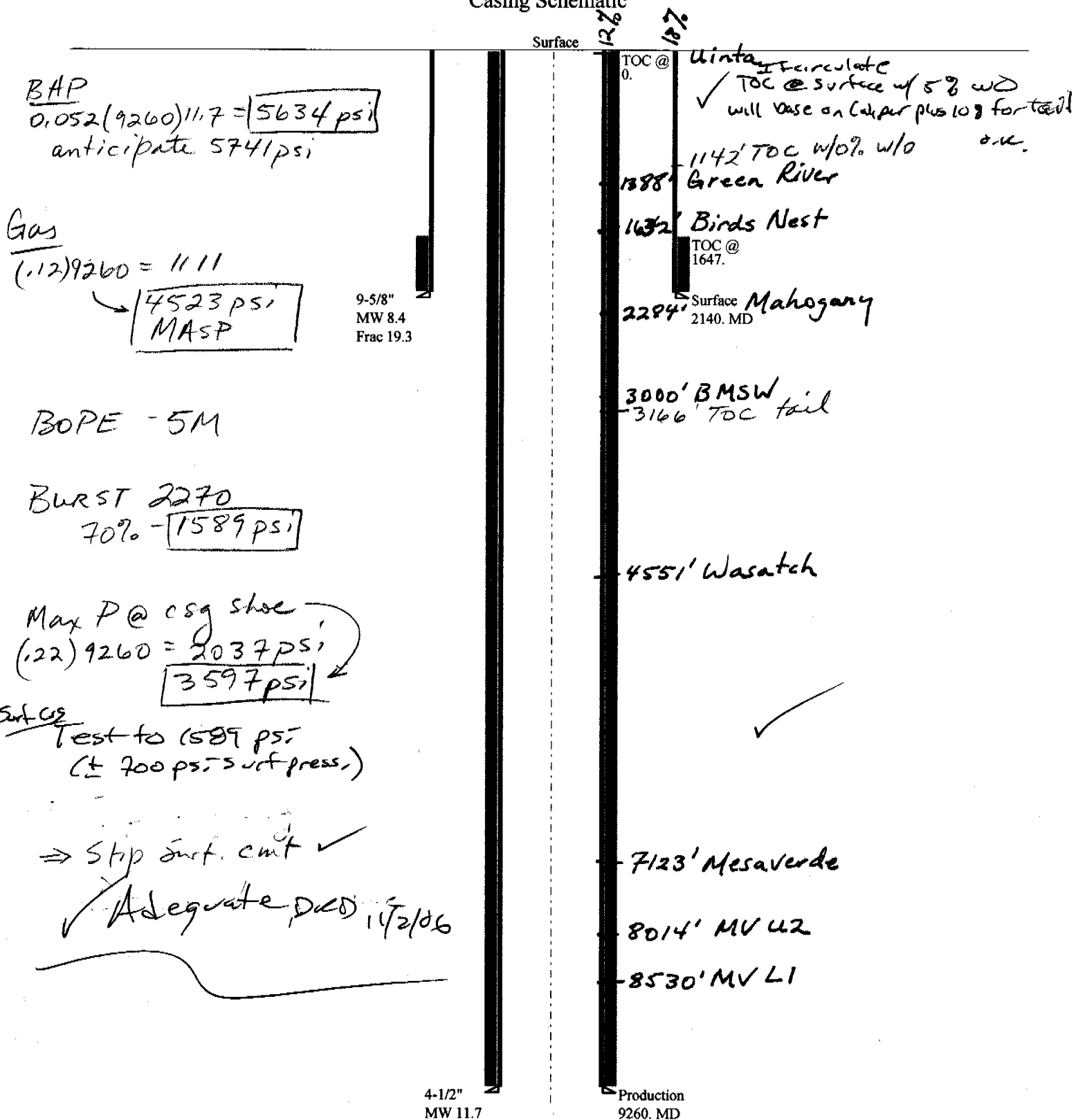
Floyd Bartlett

Evaluator

10/3/2006

Date / Time

Casing Schematic



Well name:

2006-10 Kerr McGee NBU 922-31A-4TOperator: **Kerr McGee Oil & Gas Onshore, LP**String type: **Surface**

Project ID:

43-047-38561Location: **Uintah County, Utah****Design parameters:****Collapse**

Mud weight: 8,400 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 105 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 1,647 ft

Burst

Max anticipated surface pressure:

1,883 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,140 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 1,876 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,260 ft

Next mud weight: 11,700 ppg

Next setting BHP: 5,628 psi

Fracture mud wt: 19,250 ppg

Fracture depth: 2,140 ft

Injection pressure: 2,140 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2140	9.625	32.30	H-40	ST&C	2140	2140	8.876	945.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	934	1370	1.467	2140	2270	1.06	61	254	4.19 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MineralsPhone: (801) 538-5357
FAX: (801) 359-3940Date: October 27, 2006
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 2140 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

2006-10 Kerr McGee NBU 922-31A-4TOperator: **Kerr McGee Oil & Gas Onshore, LP**String type: **Production**

Project ID:

43-047-38561Location: **Uintah County, Utah****Design parameters:****Collapse**

Mud weight: 11,700 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 205 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure:

3,591 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 5,628 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 7,640 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9260	4.5	11.60	I-80	LT&C	9260	9260	3.875	808.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5628	6360	1.130	5628	7780	1.38	89	212	2.39 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MineralsPhone: (801) 538-5357
FAX: (801) 359-3940Date: October 27, 2006
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 9260 ft, a mud weight of 11.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

September 19, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Natural Buttes Unit Uintah
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-38560	NBU 922-31P-1 Sec 31 T09S R22E 1007 FSL 0107 FEL	
43-047-38561	NBU 922-31A-4T Sec 31 T09S R22E 0852 FNL 0301 FEL	
43-047-38567	NBU 922-32N-1T Sec 32 T09S R22E 1200 FSL 2329 FWL	
43-047-38569	NBU 922-32H-3T Sec 32 T09S R22E 2302 FNL 0891 FEL	
43-047-38570	NBU 1022-7H-4 Sec 07 T10S R22E 2488 FNL 0227 FEL	
43-047-38571	NBU 1022-7B-3T Sec 07 T10S R22E 0967 FNL 2042 FEL	
43-047-38562	NBU 1022-10C-1 Sec 10 T10S R22E 0104 FNL 2193 FWL	

The following wells are twins of existing Wasatch wells

43-047-38564	NBU 922-31P-3T Sec 31 T09S R22E 0491 FSL 0971 FEL	
43-047-38565	NBU 922-31K-2T Sec 31 T09S R22E 2589 FSL 1435 FWL	
43-047-38566	NBU 922-31J-1T Sec 31 T09S R22E 2383 FSL 1826 FEL	
43-047-38568	NBU 922-32L-4T Sec 32 T09S R22E 1954 FSL 1286 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

From: Ed Bonner
To: Whitney, Diana
Date: 10/3/2006 1:43:10 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Dominion E&P, Inc

Kings Canyon 2-32E (API 43 047 38261)
Kings Canyon 9-32E (API 43 047 38262)
Kings Canyon 11-32E (API 43 047 38378)
LCU 3-36F (API 43 047 37986)
LCU 6-36F (API 43 047 37999)
LCU 8-36F (API 43 047 37988)
LCU 10-36F (API 43 047 37987)
LCU 13-36F (API 43 047 37989)
LCU 15-36F (API 43 047 38260) 1 significant site which must be avoided
LCU 11-36F (API 43 047 38026)

Fellows Energy, LLC

Gordon Creek State 4-7-14-8 (API 43 007 31230)
Gordon Creek State 1-7-14-8 (API 43 007 31231)
Gordon Creek State 3-7-14-8 (API 43 007 31232)
Gordon Creek State 3-20-14-8 (API 43 007 31233)
Gordon Creek State 2-29-14-8 (API 43 007 31234) 1 significant site in access/pipeline corridor which must be avoided
Gordon Creek State 1-30-14-8 (API 43 007 31235) 1 significant site in access/pipeline corridor which must be avoided

Gasco Production Company

State 4-32A (API 43 047 38533)

Kerr McGee Oil & Gas Onshore LP

NBU 922-32L-4T (API 43 047 38568)
NBU 922-31A-4T (API 43 047 38561)
NBU 922-31J-1T (API 43 047 38566)
NBU 922-31K-2T (API 43 047 38565)
NBU 922-31P-3T (API 43 047 38564)
NBU 922-31P-1 (API 43 047 38560)
NBU 1022-7B-3T (API 43 047 38571)
NBU 1022-10C-1 (API 43 047 38562)

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 2, 2006

Kerr McGee Oil & Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 922-31A-4T Well, 852' FNL, 301' FEL, NE NE, Sec. 31,
T. 9 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38561.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal District Office

Operator: Kerr McGee Oil & Gas Onshore LP
Well Name & Number Natural Buttes Unit 922-31A-4T
API Number: 43-047-38561
Lease: STUO-01530-ST

Location: NE NE Sec. 31 T. 9 South R. 22 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2
43-047-38561
November 2, 2006

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Kerr- McGee Oil and Gas Onshore LP

Well Name: NBU 922-31A-4T

API No: 43-047-38561 Lease Type: State

Section 31 Township 09S Range 22E County Uintah

Drilling Contractor Rocky Mountain Drilling Rig # Bucket

SPUDDED:

Date 4-21-07

Time 11:30 AM

How Dry

Drilling will Commence: _____

Reported by Lou Weldon

Telephone # 435-828-7035

Date 4-24-07 Signed RM

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736859	HATCH 923-13C		NENW	13	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>A</u>	99999	<u>16060</u>	4/20/2007		<u>4/26/07</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/20/2007 AT 1400 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738561	NBU 922-31A-4T		NENE	31	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>B</u>	99999	<u>2900</u>	4/21/2007		<u>4/26/07</u>		
Comments: MIRU ROCKY MTN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/21/2007 AT 1130 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737027	HATCH 923-14A		NENE	14	9S	<u>23E</u>	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>A</u>	99999	<u>16061</u>	4/21/2007		<u>4/26/07</u>		
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/21/2007 AT 1500 HRS.							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

To: EARLENE RUSSELL From: SHEILA UPCHEGO
(5/2000) Co./Dept: UTDOG/12 Co.: KMG
Phone: (801) 530-6700 Phone: (435) 781-7024
Fax: (435) 781-7024

SHEILA UPCHEGO

Name (Last, First, Middle)

Signature

SENIOR LAND SPECIALIST

4/23/2007

Title

Date

RECEIVED

APR 23 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-AST
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852'FNL, 301'FEL		8. WELL NAME and NUMBER: NBU 922-31A-4T
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E		9. API NUMBER: 4304738561
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: WELL SPUD
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU ROCKY MTN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 04/21/2007 AT 1130 HRS.

MAY 01 2007

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 4/23/2007

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-AST
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-31A-4T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852'FNL, 301'FEL		9. API NUMBER: 4304738561
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: SET SURFACE CSG.
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU BILL MARTIN AIR RIG ON 04/30/2007. DRILLED 12 1/4" SURFACE HOLE TO 2550'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/230 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GEL TO SURFACE NO LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/110 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN 1" PIPE NO CMT TO SURFACE. TOP OUT W/140 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE 30' +/- DOWN WILL READY MIX TO SURFACE.

WORT.

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 5/8/2007

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-AST
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852'FNL, 301'FEL		8. WELL NAME and NUMBER: NBU 922-31A-4T
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E		9. API NUMBER: 4304738561
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: FINAL DRILLING OPERATIONS
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2550' TO 9100' ON 05/24/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/400 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1205 SX 50/50 POZ @14.3 PPG 1.31 YIELD. BUMP PLUG PLUG HOLDING 15 BBLS CMT TO SURFACE. LOST RETURNS LAST 15 BBLS FINAL PSI 2450 BUMP PLUG 500 OVER. NIPPLE DOWN SET SLIPS W/100,000 WT CUT OFF CSG. CLEAN PITS.

RELEASED ENSIGN RIG 12 ON 05/26/2007 AT 0600 HRS.

RECEIVED
MAY 30 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 5/29/2007

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-AST
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-31A-4T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852'FNL, 301'FEL		9. API NUMBER: 4304738561
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRODUCTION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>START-UP</u>

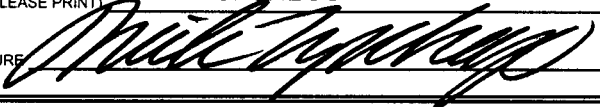
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 06/22/2007 AT 12:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED
JUL 02 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>SHEILA UPCHEGO</u>	TITLE <u>SENIOR LAND ADMIN SPECIALIST</u>
SIGNATURE 	DATE <u>6/26/2007</u>

(This space for State use only)



Anadarko Petroleum Corporation
1368 S. 1200 East
Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 922-31A-4T

NENE, SEC. 31, T9S, R22E
UINTAH COUNTY, UT

DATE	ACTIVITY	STATUS
04/02/07	LOCATION STARTED	ENSIGN 12
04/20/07	LOCATION COMPLETE	ENSIGN 12 P/L IN, WOBR
04/21/07	SET CONDUCTOR	ENSIGN 12 WOAR
04/30/07	SET AIR RIG	ENSIGN 12 DRLG
05/14/07	9 5/8" @2518'	ENSIGN 12 WORT
05/15/07	TD: 2530' Csg. 9 5/8"@ 2518' MW: 8.4 SD: 5/X/07 DSS: 0 RDRT. Move rig from 922-31J-1T. 80% rigged up @ report time.	
05/16/07	TD: 3000' Csg. 9 5/8"@ 2518' MW: 8.4 SD: 5/16/07 DSS: 0 RURT. NU and test BOPE. PU BHA and DP. Drill cmt and FE. Rotary spud @ 0030 hrs on 5/16/07. Drill f/ 2530'-3000'. DA @ report time.	
05/17/07	TD: 4680' Csg. 9 5/8"@ 2518' MW: 8.8 SD: 5/16/07 DSS: 1 Drill f/ 3000'-4680'. DA @ report time.	
05/18/07	TD: 5900' Csg. 9 5/8"@ 2518' MW: 9.2 SD: 5/16/07 DSS: 3 Drill from 4680'-5586'. Lost full returns. Mix LCM and build volume. Drill to 5900' with full returns. DA @ report time.	
05/21/07	TD: 8215' Csg. 9 5/8"@ 2518' MW: 10.6 SD: 5/16/07 DSS: 6 Drill from 5900'-6750'. TFNB. Drill to 8215'. DA.	
05/22/07	TD: 8545' Csg. 9 5/8"@ 2518' MW: 11.0 SD: 5/16/07 DSS: 7 Drill from 8215'-8399'. TFNB. Drill to 8545'. DA.	
05/23/07	TD: 8930' Csg. 9 5/8"@ 2518' MW: 11.6 SD: 5/16/07 DSS: 8 Drill from 8545'-8777' lost return, put on choke & build vol. lost 192bbl. regain circ. CCH. Drill 8777'-8890' Lost return, 392bbl. Regain circ.25% LCM. Drill 8890'-8930'. DA.	

05/24/07

TD: 9100' Csg. 9 5/8" @ 2518' MW: 11.5 SD: 5/16/07 DSS: 9
Drill 8930'-9100' TD. Short trip and stage out of hole laying down drill string @ report time.

05/25/07

TD: 9100' Csg. 9 5/8" @ 2518' MW: 11.5 SD: 5/16/07 DSS: 10
Lay down drill string. Run and cement 4 1/2" Production Casing. Set slips and release rig @ 0600 hrs 5/25/07.

06/15/07

MIRU

Days On Completion: 1
Remarks: ROAD RIG F/ NBU 922-31J-1T TO LOC. SPOT EQUIP. RU RIG. PU 7500' 2 3/8" J55 TBG. SDFWE.

06/18/07

PREP TO FRAC

Days On Completion: 4
Remarks: 7:00 AM HSM. OPEN WELL, POOH W/ 23/8" TBG.LD 37/8" MILL. ND BOP, NU FRAC VALVES. RU QUICK TEST, PRES TEST TO 7500 PSI. HELD, BLED PRES SWI.

06/19/07

FRAC

Days On Completion: 5
Remarks: MIRU WEATHERFORD FRACTURING TECH (WFT) & CUTTERS WIRELINE SERVICE (CWLS). ALL STAGES WILL USE NALCO DVE-005 SCALE INHIBITOR (3 GPT IN PAD THRU HALF OF THE 1ST RAMP OF SAND & 10 GPT IN FLUSH); PERF GUNS WILL BE 3-3/8" EXPENDABLE (23 GM CHG, 40" PENE, 0.36" HOLE, 3 OR 4 SPF-120 OR 90 DEGREE PHASING RESPECTIVELY); 30/50 OTTAWA SAND; 50% RECYCLED SLICK WATER FROM GOAT PASTURE POND & 50% FRESH; CBPs ARE BAKER 8K 4.5". ALL STAGES WILL BE BROKEN W/50% OF NORMAL ACID VOLUME.

STAGE 1: PU PERF GUN, RIH, PERF: 8778-74' & 8757-62', 4 SPF EA, TOT OF 44 HOLES. POOH, LD WL TLS. MU WFT. OW: 285 PSI, BRK: 3495 PSI, ISIP: 2786 PSI, FG: 0.75. ER: 50.5 BPM @ 4600 PSI, POC: 68% (30/44). TOT SND: 24,011 LBS, TOT FL: 949 BBL. ISIP: 3089 PSI, FG: 0.79. MP: 7065 PSI, MR: 53 BPM, AP: 4706 PSI, AR: 50.9 BPM. MU CWLS.

STAGE 2: PU PERF GUN & CBP. RIH SET CBP @ 8667', PU, PERF: 8635-37', 8619-24', 8566-69' & 8548-50'. 4, 4, 4 & 3 SPF EA RESPECTIVELY, TOT OF 46 HOLES. POOH, LD WL TLS. MU WFT.OW: 340 PSI, BRK: 3442 PSI, ISIP: 2801 PSI, FG: 0.77. ER: 58.5 BPM @ 4500 PSI. POC: 87% (40/46). TOT SND: 48,293 LBS, TOT FL: 1321 BBL. ISIP: 2801 PSI, FG: 0.76. MP: 5520 PSI, MR: 59.3 BPM, AP: 4536 PSI, AR: 58.3 BPM. MU CWLS.

STAGE 3: PU CBP & PERF GUN, RIH, SET CBP @ 8482', PU, PERF: 8451-56', 8378-80', 8310-13' & 8269-71'. 4, 4, 4 & 3 SPF EA RESPECTIVELY, TOT OF 46 HOLES. POOH, LD WL TLS. MU WFT.OW: 410 PSI, BRK: 2855 PSI, ISIP: 2610 PSI, FG: 0.75. ER: 50.6 BPM @ 4400 PSI. POC: 67% (31/46). TOT SND: 40,443 LBS, TOT FL: 1136 BBL, ISIP: 2555 PSI, FG: 0.74. MP: 4548 PSI, MR: 51.5 BPM, AP: 3817 PSI, AR: 50.3 BPM. MU CWLS.

STAGE 4: PU, CBP & PERF GUN. RIH SET CBP @ 7618', PU, PERF: 7585-88', 7506-12' & 7419-23'. 3, 4 & 3 SPF EA RESPECTIVELY. TOT OF 45 HOLES. POOH, LD WL TLS, MU WFT.OW: 530 PSI, BRK: 2832 PSI, ISIP: 1555 PSI, FG: 0.64. ER: 51.5 BPM @ 4000 PSI. POC: 64% (29/45). TOT SND: 36,468 LBS, TOT FL: 1026 BBL. ISIP: 2383 PSI, FG: 0.75. MP: 4461 PSI, MR: 53 BPM, AP: 3604 PSI AR: 52.2 BPM. MU CWLS.

STAGE 5: PU CBP & PERF GUN. RIH SET CBP @ 7230', PU, PERF: 7194-7200', 7158-62' & 7116-18'. 4, 4 & 3 SPF EA RESPECTIVELY, TOT OF 46 HOLES. POOH, MU WFT. OW: 100 PSI, BRK: 3079 PSI, ISIP: 1841 PSI, FG: 0.69. ER: 51.5 BPM @ 3240 PSI. POC: (41/46). TOT

SND: 54,779 LBS, TOT FL: 1466 BBL. ISIP: 1982 PSI, FG: 0.71. MP: 3929 PSI, MR: 51.8 BPM, AP: 3147 PSI, AR: 51.6 BPM. MU CWLS.

STAGE 6: PU CBP & PERF GUN. RIH SET CBP @ 6512', PU, PERF: 6480-82', 6430-35', 6416-18' & 6309-12'. 4, 4, 3 & 4 SPF EA RESPECTIVELY. TOT OF 46 HOLES. MU WFT.OW: 90 PSI, BRK: 2344 PSI, ISIP: 1379 PSI, FG: 0.65. ER: 51.5 BPM @ 3300 PSI. POC: 63% (29/46). TOT SND: 49,579 LBS, TOT FL: 1296 BBL. ISIP: 1716 PSI, FG: 0.79. MP: 3685 PSI, MR: 55.3 BPM, AP: 2829 PSI, AR: 51.6 BPM. PU KILL PLUG, RIH, SET PLUG @ 6220', POOH, LD WL TLS. RDMO CWLS & WFT. SWI, SDFN.

06/20/07

D/O PLUGS

Days On Completion: 6

Remarks: HSM. ND FRAC VALVES, NU BOP. PU 3-7/8" BIT & FE POBS. RIH W/BIT, SUB & TBG. TAG KILL PLUG @ 6220'. X-OVER EQUIP TO PWR SWVL, RU PMP TO SWVL. D/O PLUGS AS FOLLOWS:

CBP#	FILL DPTH	CBP DPTH	PSI INCR
1	0	6220	400
2	6482	6512	100
3	7200	7230	400
4	7588	7618	500
5	8462	8482	400
6	8647	8667	200

CONT TO C/O TO 8943', CIRC HOLE CLN. X-OVER EQUIP TO TBG. POOH, LD TO OF 47 TOT JTS TBG ON FLOAT. PU HNGR, LND TBG W/EOT @ 8001.25' (258 JTS IN HOLE--7984.22'). ND BOP, NU WH, DROP BALL. RU PMP TO WH & FL TO PIT. PMP OFF BIT & SUB, SWI FOR 30 MIN TO LET BIT & SUB FALL. RACK OUT EQUIP, RD RIG. TURN WELL OVER TO FBC. RIG COUNT OF 305 JTS ON LOC, 47 SENT BACK TO AZTEC (AZTEC COUNT WAS 304 JTS). WATER FOR FRAC WAS 50% FRESH & 50% GOAT PASTURE.

FLOWBACK REPORT: CP 2100#, TP 2100#, CK 20/64", 35 BWPH, LOAD REC'D 995 BBLS, LLTR 6199 BBLS

06/21/07

FLOWBACK REPORT: CP 2350#, TP 2025#, CK 20/64", 35 BWPH, LOAD REC'D 1835 BBLS, LLTR 5359 BBLS

06/22/07

WELL WENT ON SALES: @ 12:00 PM, 2.4 MCF, 2075 TBG, 2700 CSG, 20/64 CK, 40 BBWH
FLOWBACK REPORT: CP 2650#, TP 1900#, CK 20/64", 25 BWPH, LOAD REC'D 4220 BBLS, LLTR 2974 BBLS
ON SALES: 1194 MCF, 0 BC, 840 BW, TP: 2225#, CP: 2350#, 20/64 CHK, 14 HRS, LP: 117#.

06/23/07

FLOWBACK REPORT: CP 2450#, TP 1775#, CK 20/64", 20 BWPH, LOAD REC'D 4745 BBLS, LLTR 2449 BBLS
ON SALES: 2643 MCF, 0 BC, 480 BW, TP: 1750#, CP: 2425#, 20/64 CHK, 24 HRS, LP: 118#.

06/24/07

FLOWBACK REPORT: CP 2325#, TP 1650#, CK 20/64", 15 BWPH, LOAD REC'D 5105 BBLS, LLTR 2089 BBLS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-AST			
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP						7. UNIT or CA AGREEMENT NAME UNIT #891008900A			
3. ADDRESS OF OPERATOR: 1368 S 1200 E VERNAL UT 84078				PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 922-31A-4T			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 852'FNL, 301'FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:						9. API NUMBER: 4304738561			
						10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES			
						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 31 9S 22E			
12. COUNTY UINTAH						13. STATE UTAH			
14. DATE SPUDDED: 4/21/2007		15. DATE T.D. REACHED: 5/24/2007		16. DATE COMPLETED: 6/22/2007		17. ELEVATIONS (DF, RKB, RT, GL):			
18. TOTAL DEPTH: MD 9,100 TVD		19. PLUG BACK T.D.: MD 8,157 8943 MD PLUG SET		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL-CCL-GR, RPM				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)					
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 H-40	32.3#		2,550		680			
7 7/8"	4 1/2 I-80	11.6#		9,100		1605			
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	8.001								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) WASATCH	6,309	6,482			6,309 6,482	0.36	46	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) MESAVERDE	7,116	8,784			7,116 8,784	0.36	227	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
6309'-6482'		PMP 1296 BBLs SLICK H2O & 49,579# 30/50 SD							
7116'-8784'		PMP 5898 BBLs SLICK H2O & 204,012# 30/50 SD							
29. ENCLOSED ATTACHMENTS:									
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS					<input type="checkbox"/> GEOLOGIC REPORT				
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION					<input type="checkbox"/> DST REPORT				
					<input type="checkbox"/> DIRECTIONAL SURVEY				
					<input type="checkbox"/> CORE ANALYSIS				
					<input type="checkbox"/> OTHER: _____				
30. WELL STATUS: PROD									

RECEIVED

JUL 20 2007

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/22/2007		TEST DATE: 6/23/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 2,643		WATER – BBL: 480		PROD. METHOD: FLOWING							
CHOKE SIZE: 20/64		TBG. PRESS. 1,750		CSG. PRESS. 242		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 2,643		WATER – BBL: 480		INTERVAL STATUS: PROD	

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 6/22/2007		TEST DATE: 6/23/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 2,643		WATER – BBL: 480		PROD. METHOD: FLOWING							
CHOKE SIZE: 20/64		TBG. PRESS. 1,750		CSG. PRESS. 242		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 2,643		WATER – BBL: 480		INTERVAL STATUS: PROD	

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,566 7,096	7,096			

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHIEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 7/17/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

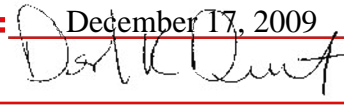
* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-ST			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-31A-4T			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0852 FNL 0301 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 31 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047385610000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: SURFACE COMMINGL </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: SURFACE COMMINGL
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The Operator requests authorization to commingle production at surface prior to a common measurement point for the Cige 51D and NBU 922-31A-4T wells. The original facilities on location were removed in order to drill the NBU 922-31A-4T. In order to return the original well (Cige 51D) back to production rather than Plug and Abandon, we have chosen to commingle the production of these two wells at the surface prior to a common measurement point. The Operator will conduct quarterly allocation tests to determine accurate allocation back to each well. Both wells share the same lease and ownership.					
Approved by the Utah Division of Oil, Gas and Mining Date: December 17, 2009 By: 					
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 12/16/2009				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

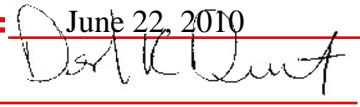
Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047385610000

CIGE 51D was producing about 20 mcf/d last time it produced. Sufficient production history has been established for the subject well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: December 17, 2009
By: Dan K. Quist

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-ST			
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PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/23/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-31A PAD, WHICH CONSISTS OF THE NBU 922-31A1AS, NBU 922-31A1CS, NBU 922-31A2CS, AND NBU 922-31B1BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.					
Approved by the Utah Division of Oil, Gas and Mining Date: June 22, 2010 By: 					
NAME (PLEASE PRINT) Andy Lytle		PHONE NUMBER 720 929-6100			
SIGNATURE N/A		TITLE Regulatory Analyst			
		DATE 6/21/2010			

NBU 922-31A-4T
 852' FNL & 301' FEL
 SENENE SEC.31, T9S, R22E
 Uintah County, UT

KBE: 4991'
 GLE: 4977'
 TD: 9150'
 PBDT: 9170'

API NUMBER: 43-047-38561
 LEASE NUMBER: STUO-01530-ST
 WINS#: 92602
 WI: 100.0000%
 NRI: 80.894445%

CASING: 17 1/2" hole
 14" STL 50# csg @ 40' GL
 Cemented to surface w/ 28 sx

12 1/4" hole
 9 5/8" 32.3# H-40 J-55 @ 2550' (KB)
 Cemented with 680 sx. TOC @ surface

7.875" hole
 4 1/2" 11.6# I-80 @ 9100'
 Cemented w/ 1605 sx, TOC @ 65' per CBL

TUBING: 2 3/8" 4.7# J-55 tubing landed at 8001'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528	0.0872	0.01554
9.625" 32.3# H-40	8.845	1400	2270	3.3055	0.4418	0.0787
14" 36.7# Stl						
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01006
4.5" csg X 9 5/8" 32.3# csg				2.478	0.3314	0.059
4.5" csg X 7.875 borehole				1.7052	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3436	0.3132	0.0558
9.625" csg X 14" csg				3.4852	0.4659	0.083
14" csg X 20" borehole						

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Wasatch	4566'
Mesaverde	7096'

Tech. Pub. #92 Base of USDW's

USDW Elevation	1800' MSL
USDW Depth	3191' KBE

PERFORATIONS:

Formation	Date	Top	Btm	SPF	Status
Wasatch	Jun-07	6309	6312	4	Open
Wasatch	Jun-07	6416	6418	3	Open
Wasatch	Jun-07	6430	6435	4	Open
Wasatch	Jun-07	6480	6482	4	Open
Mesaverde	Jun-07	7116	7118	3	Open
Mesaverde	Jun-07	7158	7162	4	Open
Mesaverde	Jun-07	7194	7200	4	Open
Mesaverde	Jun-07	7419	7423	3	Open
Mesaverde	Jun-07	7506	7512	4	Open
Mesaverde	Jun-07	7585	7588	3	Open
Mesaverde	Jun-07	8269	8271	3	Open
Mesaverde	Jun-07	8310	8313	4	Open
Mesaverde	Jun-07	8378	8380	4	Open
Mesaverde	Jun-07	8451	8456	4	Open
Mesaverde	Jun-07	8548	8550	3	Open
Mesaverde	Jun-07	8566	8569	4	Open
Mesaverde	Jun-07	8619	8624	4	Open
Mesaverde	Jun-07	8635	8637	4	Open
Mesaverde	Jun-07	8757	8762	4	Open
Mesaverde	Jun-07	8778	8784	4	Open

WELL HISTORY:

- Spud Well 4/21/07, TD'd 5/24/07
- Jun '07 – Completed MV/Was zones with 6 slickwater frac stages using 253,591# 30/50 sand & 7194 bbls fluid. C/O to PBTD and turn to sales.
- 6/22/07 – Turn well to sales

Recommended future action for disposition of well bore:

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 922-31A pad wells. Return to production as soon as possible once completions are done.

NBU 922-31A-4T TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 23 sx Class "G" cement needed for procedure

Note: Gyro ran to 7950'

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL.
3. **PLUG #1, ISOLATE MV/WAS PERFORATIONS (6309' - 8784'):** RIH W/ 4 1/2" CBP. SET @ ~6260'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 4.36 CUFT. (~4 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~6210'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT WASATCH TOP (4566'):** PUH TO ~4670'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 17.44 CUFT (~15 SX) AND BALANCE PLUG W/ TOC @ ~4460' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 6/16/10

RECEIVED June 21, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01530-ST
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 922-31A-4T
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0852 FNL 0301 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 31 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047385610000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/30/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE OPERATOR HAS COMPLETED THE TEMPORARILY ABANDON OPERATIONS ON THE SUBJECT WELL LOCATION ON 7/30/2010. THE OPERATOR HAS TEMPORARILY ABANDONED THE WELL TO DRILL THE NBU 922-31A PAD, WHICH CONSISTS OF THE NBU 922-31A1AS, NBU 922-31A1CS, NBU 922-31A2CS, AND NBU 922-31B1BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/2/2010	

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 04, 2010

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-31A-4T				Spud Date: 5/16/2007							
Project: UTAH-UINTAH			Site: NBU 922-31A PAD				Rig Name No: MILES 2/2				
Event: ABANDONMENT			Start Date: 7/22/2010					End Date: 7/30/2010			
Active Datum: RKB @4,990.99ft (above Mean Sea Leve				UWI: NBU 922-31A-4T							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation			
7/28/2010	12:00 - 15:30	3.50	ABAND	31		P		MIRU, KILL WELL, NDWH, NU BOP'S, SWIFN			
7/29/2010	7:00 - 7:30	0.50	ABAND	48		P		SCANNING TBG			
	7:30 - 16:00	8.50	ABAND	31		P		CSG 450#, TBG 450#, TEST BOP'S TO 3000#, KILL WELL WITH 20 BBLS TMAC, RU PRS, SCAN TBG OOH. 258 JTS, 83 JTS YB TBG, 42 JTS BB TBG, 133 JTS RB TBG, RD PRS, RU CUTTERS, PU GAUGE RING, RIH TO 62680', POOH LD GAUGE RING, PU CBP, RIH TO 6260', SET CBP, POOH, PU BAILER, BAIL 4 SX CLASS G, 1.145 YIELD, 4.36 CF, 4.9 GW/SX, CEMENT ON TOP OF CBP. RD CUTTERS, PRESSURE TEST WELL 500# FOR 5 MIN. SWIFN			
7/30/2010	7:00 - 7:30	0.50	ABAND	48		P		TRIPPING TBG			
	7:30 - 7:30	0.00	ABAND	51		P		TIH TBG, CIRC HOLE, PRESSURE TEST TO 500# 5 MIN., RU PRO PETRO, SET CEMENT PLUG AT 4675', WITH 25 SX, CLASS G, 1.145 YIELD, 4.9 GW/SX, 28.75 CF, 5.1 BBLS, 15.8# DENISTY, PUMP 2.6 BBLS FRESH, 5.1 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 15.6 BBLS TMC, RD PRO PETRO, POOH LD TBG, CAP WELL AS PER STATE REQ. RDMO TO CIGE 51D. N39 DEGREES 58,316' W 109 DEGREES 29, 946' ELEV 4969'			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0852 FNL 0301 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 31 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047385610000
PHONE NUMBER: 720 929-6515 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/26/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 The subject well has returned to production from a temporarily abandoned status on Wednesday, January 26, 2011. Please refer to the attached operations chronological report.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY**

NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 1/31/2011	

US ROCKIES REGION
Operation Summary Report

Well: NBU 922-31A-4T				Spud Date: 5/16/2007					
Project: UTAH-UINTAH				Site: NBU 922-31A PAD				Rig Name No: GWS 1/1	
Event: WELL WORK EXPENSE				Start Date: 1/14/2011				End Date: 1/20/2011	
Active Datum: RKB @4,990.99ft (above Mean Sea Level)				UWI: NBU 922-31A-4T					
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
1/18/2011	7:00	- 7:15	0.25	REE	48		P		HSM, SLIPS, TRIPS & FALLS, D/O PLUGS PRESSURE UNDER PLUG UNKNOWN.
	7:15	- 17:00	9.75	REE	31	I	P		RD OFF NBU 922-31B1BS MOVE TO NBU 922-31A4T & RU, ND WH, NU BOP, RU FLOOR & TBG EQUIP, TALLY& PU TBG FOR REENTRY, RIH TAG CMT PLUG @ 4,370', RU POWER SWIVEL, BREAK CIRC, START DRLG CMT PLUG FROM 4,370' TO 4,414', STARTED BUBBLING AROUND WH DRAINED CELLAR & DUG OUT AROUND WH ONLY HAD 4 BOLTS IN 11"X5K FLANGE, CALLED WEATHERFORD THEY WILL BE HERE @ 8:00 AM IN THE MOURNING TO INSTALL FS SEALS & INSTALL & TIGHTEN ALL BOLTS, DRAIN EVRYTHING UP, PREPARE TO POOH IN AM, SWI, SDFN.
1/19/2011	7:00	- 7:15	0.25	REE	48		P		HSM, SLIPS, TRIPS & FALLS, KEEP HOLE COVERED SO NOTHING GETS DROPPED DOWN HOLE.
	7:15	- 17:00	9.75	REE	31	I	P		POOH, DIG OUT AROUND WH, ND BOP & 11"X5K SPOOL TO INSTALL FS SEALS & ALL BOLTS, PRESS TEST SEALS & WH TO 5K HELD OK, RIH TO 4,400', HOOK UP PUMPING LINE, RU POWER SWIVEL, BREAK CIRC, START DRLG CMT FROM 4,414' TO 4,526' DRLG 35 - 40 MIN PER JT, DRAIN UP, SWI, SDFN.
1/20/2011	7:00	- 7:15	0.25	REE	48		P		HSM, SLIPS, TRIPS & FALLS, WATCH YOUR WHERE YOUR STEPPING IN THE MUD & ICE.
	7:15	- 16:30	9.25	REE	44	C	P		HOOK UP PUMPING LINE, BREAK CIRC, START DRLG CMT PLUG FROM 4,526' TO 4,700', RD POWER SWIVEL, RIH TAG @ 6,220', RU POWER SWIVEL, DRLG CMT & CBP FROM 6,220' TO 6,275' WELL WENT ON VACUMN, RD POWER SWIVEL, RIH TAG @ 8,833' W/ 277 JTS J-55 TBG, 55' BELOW BTM PERF @ 8,778', L/D 27 JTS, EOT @ 7,981.20', SN @ 7,979.00'. RD FLOOR & TBG EQUIP, ND BOPS, NU WH, DROP BALL TO SHEAR OFF BIT W/ 2,200 PSI. RD PARK RIG ON LOCATION. KB= 14' 7 1/16" HANGER= .83' TBG DELIVERED 289 JTS YELLOW BAND 250 JTS 2 3/8" J-55 = 7,964.17' TBG USED 250 JTS YELLOW BAND POBS= 2.20' TBG RETURNED 29 JTS YELLOW BAND TO B&C YARD EOT @ 7,981.20' SN @ 7,979.00'
1/26/2011	7:00	- 7:00	0.00	PROD	50				WELL RETURNED TO PRODUCTION ON 1/26/11, 709 MCFD, FTP 513#, CP 831#, LP 97#